

# BENEFICIAL MATERIALS FOR TOPICAL OR INTERNAL USE BY A HUMAN OR OTHER ANIMAL

## Abstract

A beneficial material for medical application in association with a substrate comprises a support material and a reactive material. The reactive material is ion exchanged into the support material. The medical application may comprise a wound healing device, insect control adhesives and anti-microbial creams. The invention further discloses other beneficial materials, such as ionically conductive compounds, photoactive compounds and materials for medical application and methods of formulating same.